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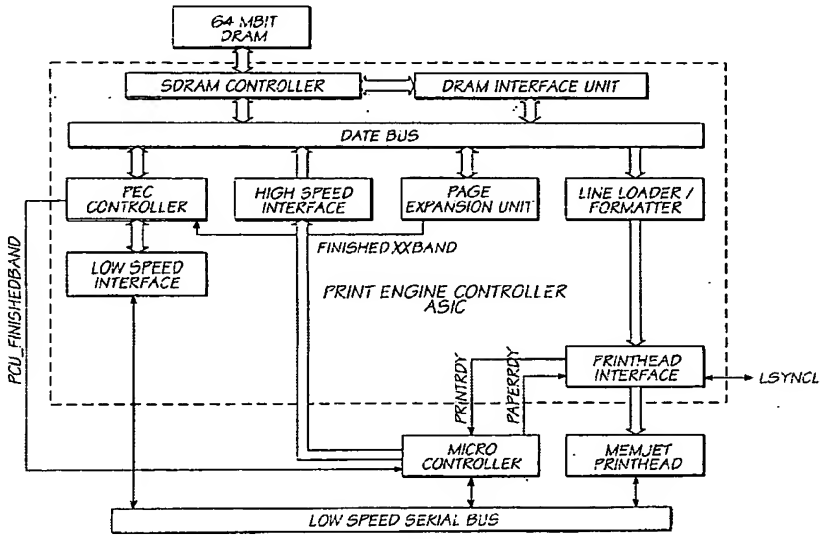
(54) Title: PROCESSING OF IMAGES FOR HIGH VOLUME PAGEWIDTH PRINTING



(57) Abstract: An image processing apparatus for a printer (10) includes a print engine controller (48) that is configured to receive image data in an image storage format. The print engine controller includes data processing circuitry that is configured to process the image data at a rate of at least one billion pixels per second to transform the data into print data. The print engine controller includes data communication circuitry (176) that is operatively connected to the data processing circuitry and is configured to communicate the print data to a printhead (41).

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